

Request for Council Action

Originator Engineering	Item Adopt a resolution to order Feasibility Report for 2016-905 Northeast Penn Storm Sewer Improvement Project
Agenda Section Consent Business	Date 1/5/2015

Description

The City Council is requested to order a feasibility study and report for the 2016-905 Northeast Penn Storm Sewer Improvement Project.

In November 2010, Barr Engineering completed an extensive feasibility report for the Northeast Penn Drainage Area. The City Council reviewed this feasibility study and directed staff to pursue Alternative 10 from the NE Penn Drainage Area Improvement Project Feasibility Report. After the project was ordered by the City Council in January 2012, the detailed design of Alternative 10 began. The City's consultant completed a preliminary cost estimate and found the estimated project costs exceeded the project budget and in October 2012, the City Council canceled the project since it was no longer financially feasible.

Since that time, Water Resources staff have been studying the drainage problem at American Boulevard and Knox Avenue to find a solution to the flooding that occurs at this intersection. At this time, staff is requesting that the Council order a new feasibility study and report that expands on the previous study completed by Barr Engineering in order to develop a new project in the Northeast Penn Drainage Area.

The previous NE Penn area project focused on reducing flood levels east of I-35W. When it was determined that Alternative 10 was not financially feasible private improvements were implemented that have currently lessened the need to address flooding issues east of I-35W. However anticipated future development and the proposed BRT Orange Line near the intersection of American Boulevard and Knox Avenue have continued to demonstrate a need to mitigate flooding west of I-35W.

A new feasibility report will consider an alternative alignment and construction practices not previously considered and indicate whether the proposed improvements are necessary, cost-effective, and feasible; whether the improvements should best be made as proposed, the estimated cost of the improvements as recommended, and the anticipated project funding sources.

Staff will complete a new feasibility report with assistance from Bolton and Menk within the funding approved in the existing contract. Staff anticipates returning to Council in early summer 2015 with the completed feasibility report.

Requested Action

Adopt the attached resolution authorizing the City Engineer to prepare a feasibility report for the 2016-905 Northeast Penn Storm Sewer Improvement Project.

Attachments:

Resolution
Resolution Exhibit A (Drainage Area Map)